



106-001US2 seq listing
SEQUENCE LISTING

<110> Lee, Jong Y.

<120> PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR PROTEIN FRAGMENT AND
ANTIBODIES DERIVED THEREFROM

<130> 106.001US2

<140> US 09/016,159

<141> 1998-01-30

<150> US 08/876,227

<151> 1997-06-16

<160> 5

<170> PatentIn version 3.3

<210> 1

<211> 23

<212> DNA

<213> Artificial

<220>

<223> BamH1 linker at 5' end followed by sequence for amino acids 25
through 29 of full length EpoR protein. Forward primer for SEQ
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23

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<211> 22

<212> DNA

<213> Artificial

<220>

<223> EcoR1 linker followed by sequence complementary to coding
sequence for amino acids 226 through 222 of full length human
EpoR protein. Reverse primer for SEQ ID NO:1.

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<213> Homo sapiens

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<301> Smith, D.B. et al.

<302> Single-step purification of polypeptides expressed in Escherichia
coli as fusions with glutathione-S-transferase

<303> Gene

<304> 67

<306> 31-40

<307> 1998

<300>

<301> Smith, D.B. et al.

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<302> single-step purification of polypeptides expressed in Escherichia coli as fusions with glutathione-S-transferase
 <303> Genes and Development
 <304> 67
 <306> 31-40
 <307> 1998

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<300>
 <301> Jones, S.S. et al.
 <302> Human Erythropoietin Receptor: Cloning, expression, and biological characterization
 <303> Blood
 <304> 76
 <305> 1
 <306> 31-35
 <307> 1990-07-01

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<300>
 <301> Jones, S.S. et al.
 <302> Human Erythropoietin Receptor: Cloning, expression, and
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 <303> Blood
 <304> 76
 <305> 1
 <306> 31-35
 <307> 1990-07-01

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Leu Leu Leu Ala Gly Ala Ala Trp Ala Pro Pro Pro Asn Leu Pro Asp
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 35 40 45

Glu Leu Leu Cys Phe Thr Glu Arg Leu Glu Asp Leu Val Cys Phe Trp
 50 55 60

Glu Glu Ala Ala Ser Ala Gly Val Gly Pro Gly Asn Tyr Ser Phe Ser
 65 70 75 80

Tyr Gln Leu Glu Asp Glu Pro Trp Lys Leu Cys Arg Leu His Gln Ala
 85 90 95

Pro Thr Ala Arg Gly Ala Val Arg Phe Trp Cys Ser Leu Pro Thr Ala
 100 105 110

Asp Thr Ser Ser Phe Val Pro Leu Glu Leu Arg Val Thr Ala Ala Ser
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115

120

125

Gly Ala Pro Arg Tyr His Arg Val Ile His Ile Asn Glu Val Val Leu
130 135 140

Leu Asp Ala Pro Val Gly Leu Val Ala Arg Leu Ala Asp Glu Ser Gly
145 150 155 160

His Val Val Leu Arg Trp Leu Pro Pro Pro Glu Thr Pro Met Thr Ser
165 170 175

His Ile Arg Tyr Glu Val Asp Val Ser Ala Gly Asn Gly Ala Gly Ser
180 185 190

Val Gln Arg Val Glu Ile Leu Glu Gly Arg Thr Glu Cys Val Leu Ser
195 200 205

Asn Leu Arg Gly Arg Thr Arg Tyr Thr Phe Ala Val Arg Ala Arg Met
210 215 220

Ala Glu Pro Ser Phe Gly Gly Phe Trp Ser Ala Trp Ser Glu Pro Val
225 230 235 240

Ser Leu Leu Thr Pro Ser Asp Leu Asp Pro Leu Ile Leu Thr Leu Ser
245 250 255

Leu Ile Leu Val Val Ile Leu Val Leu Leu Thr Val Leu Ala Leu Leu
260 265 270

Ser His Arg Arg Ala Leu Lys Gln Lys Ile Trp Pro Gly Ile Pro Ser
275 280 285

Pro Glu Ser Glu Phe Glu Gly Leu Phe Thr Thr His Lys Gly Asn Phe
290 295 300

Gln Leu Trp Leu Tyr Gln Asn Asp Gly Cys Leu Trp Trp Ser Pro Cys
305 310 315 320

Thr Pro Phe Thr Glu Asp Pro Pro Ala Ser Leu Glu Val Leu Ser Glu
325 330 335

Arg Cys Trp Gly Thr Met Gln Ala Val Glu Pro Gly Thr Asp Asp Glu
340 345 350

Gly Pro Leu Leu Glu Pro Val Gly Ser Glu His Ala Gln Asp Thr Tyr
355 360 365

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 405 410 415
 Glu Gly Ala Ser Ala Ala Ser Phe Glu Tyr Thr Ile Leu Asp Pro Ser
 420 425 430
 Ser Gln Leu Leu Arg Pro Trp Thr Leu Cys Pro Glu Leu Pro Pro Thr
 435 440 445
 Pro Pro His Leu Lys Tyr Leu Tyr Leu Val Val Ser Asp Ser Gly Ile
 450 455 460
 Ser Thr Asp Tyr Ser Ser Gly Asp Ser Gln Gly Ala Gln Gly Gly Leu
 465 470 475 480
 Ser Asp Gly Pro Tyr Ser Asn Pro Tyr Glu Asn Ser Leu Ile Pro Ala
 485 490 495
 Ala Glu Pro Leu Pro Pro Ser Tyr Val Ala Cys Ser
 500 505